

TRAUMATIC BRAIN INJURY REGISTRY
EXTERNAL CAUSES OF INJURY
1996 - 2004

E-Code	4th Digit	Description	1996	1997	1998	1999	2000	2001	2002	2003	2004
E800-E807		RAILWAY ACCIDENTS	3	4	2	0	4	3	3	6	3
E800		Railway accident involving collision with rolling stock	0	1	0	0	0	1	0	2	0
E801		Railway accident involving collision with other object	1	0	0	0	1	0	1	1	0
E802		Railway accident involving derailment without antecedent collision	0	0	0	0	1	0	0	0	0
E803		Railway accident involving explosion, fire, or burning	0	0	0	0	0	0	0	0	0
E804		Fall in, on, or from railway train	0	0	1	0	1	0	0	0	0
E805		Hit by rolling stock	1	1	1	0	1	1	1	3	0
E806		Other specified railway accident	1	2	0	0	0	1	1	0	3
E807		Railway accident of unspecified nature	0	0	0	0	0	0	0	0	0
E810-E819		MOTOR VEHICLE TRAFFIC ACCIDENTS	2580	2775	3137	3480	3453	3233	3120	3488	3572
E810		Motor vehicle traffic accident involving collision with train	8	9	14	15	12	8	9	11	10
E811		Motor vehicle traffic accident involving re-entrant collision with another motor vehicle	1	3	0	1	1	1	0	1	0
E812		Other motor vehicle traffic accident involving collision with another motor vehicle	749	734	1016	1156	1128	1020	903	1092	1222
E813		Motor vehicle traffic accident involving collision with other vehicle	94	74	68	58	68	65	60	54	53
E814		Motor vehicle traffic accident involving collision with pedestrian	116	167	138	151	164	131	114	150	160
E815		Other motor vehicle traffic accident involving collision on the highway	127	181	235	317	326	287	293	352	342
E816		Motor vehicle traffic accident due to loss of control, without collision on the highway	439	510	628	818	780	870	837	980	996
E817		Noncollision motor vehicle traffic accident while boarding or alighting	8	4	9	5	5	10	6	11	6
E818		Other noncollision motor vehicle traffic accident	63	69	92	89	72	77	69	85	104
E819		Motor vehicle traffic accident of unspecified nature	975	1024	937	870	897	764	829	752	679
E820-E825		MOTOR VEHICLE NONTRAFFIC ACCIDENTS	104	113	122	139	257	238	222	256	308
E820		Nontraffic accident involving motor-driven snow vehicle	0	0	0	0	0	0	0	0	0
E821		Nontraffic accident involving other off-road motor vehicle	50	76	57	92	160	162	155	196	213
E822		Other motor vehicle nontraffic accident involving collision with moving object	5	5	4	10	3	4	4	13	6
E823		Other motor vehicle nontraffic accident involving collision with stationary object	24	17	29	21	45	29	17	10	24
E824		Other motor vehicle nontraffic accident while boarding and alighting	5	3	3	4	4	5	9	8	6
E825		Other motor vehicle nontraffic accident of other and unspecified nature	20	12	29	12	45	38	37	29	59
E826-E829		OTHER ROAD VEHICLE ACCIDENTS	100	119	124	153	149	118	119	123	157
E826		Pedal cycle accident	59	86	70	86	90	72	79	73	85
E827		Animal-drawn vehicle accident	1	2	1	0	0	2	0	1	2
E828		Accident involving animal being ridden	35	24	49	62	59	43	40	47	69
E829		Other road vehicle accidents	5	7	4	5	0	1	0	2	1

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E830-E838		WATER TRANSPORT ACCIDENTS	9	8	10	13	18	7	12	10	12
E830		Accident to watercraft causing submersion	0	0	1	0	1	0	0	2	2
E831		Accident to watercraft causing other injury	3	1	4	2	9	3	3	6	6
E832		Other accidental submersion or drowning in water transport accident	1	0	1	0	0	1	0	0	0
E833		Fall on stairs or ladders in water transport	0	1	0	0	0	0	0	0	0
E834		Other fall from one level to another in water transport	1	1	1	2	1	0	1	1	1
E835		Other and unspecified fall in water transport	1	1	0	1	1	1	3	1	1
E836		Machinery accident in water transport	0	0	1	1	2	0	1	0	0
E837		Explosion, fire, or burning in watercraft	0	0	0	0	0	0	0	0	0
E838		Other and unspecified water transport accident	3	4	2	7	4	2	4	0	2
E840-E845		AIR AND SPACE TRANSPORT ACCIDENTS	22	10	10	11	9	9	8	14	10
E840		Accident to powered aircraft at takeoff or landing	10	1	1	6	0	3	2	2	3
E841		Accident to powered aircraft, other and unspecified	7	4	7	3	2	0	4	9	4
E842		Accident to unpowered aircraft	1	2	0	0	4	3	1	1	0
E843		Fall in, on, or from aircraft	0	0	0	0	0	1	1	0	1
E844		Other specified air transport accidents	4	3	2	2	3	2	0	2	2
E845		Accident involving spacecraft	0	0	0	0	0	0	0	0	0
E846-E848		VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIED	13	11	6	6	10	5	8	8	13
E846		Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment	0	0	0	1	0	0	0	0	0
E847		Accidents involving cable cars not running on rails	0	0	0	0	0	0	0	0	0
E848		Accidents involving other vehicles, not elsewhere classifiable	13	11	6	5	10	5	8	8	13

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E850-E858, E860-E869		ACCIDENTAL POISONING	3	5	8	2	2	4	1	0	0
E850		Accidental poisoning by analgesics, antipyretics, and antirheumatics	0	1	1	1	0	0	0	0	0
E851		Accidental poisoning by barbiturates	0	0	0	1	0	0	0	0	0
E852		Accidental poisoning by other sedatives and hypnotics	0	0	0	0	0	0	0	0	0
E853		Accidental poisoning by tranquilizers	0	0	1	0	1	0	0	0	0
E854		Accidental poisoning by other psychotropic agents	0	0	1	0	0	1	1	0	0
E855		Accidental poisoning by other drugs acting on central and autonomic nervous systems	1	0	0	0	1	0	0	0	0
E856		Accidental poisoning by antibiotics	0	0	2	0	0	0	0	0	0
E857		Accidental poisoning by other anti-infectives	0	0	0	0	0	0	0	0	0
E858		Accidental poisoning by other drugs	0	0	0	0	0	1	0	0	0
E860		Accidental poisoning by alcohol, not elsewhere classified	1	2	0	0	0	1	0	0	0
E861		Accidental poisoning by cleansing and polishing agents, disinfectants, paints, varnishes	0	0	2	0	0	0	0	0	0
E862		Accidental poisoning by petroleum products, other solvents and their vapors, not elsewhere classified	0	0	0	0	0	0	0	0	0
E863		Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers	0	0	0	0	0	0	0	0	0
E864		Accidental poisoning by corrosives and caustics, not elsewhere classified	0	0	0	0	0	0	0	0	0
E865		Accidental poisoning from poisonous foodstuffs and poisonous plants	0	1	1	0	0	1	0	0	0
E866		Accidental poisoning by other and unspecified solid and liquid substances	0	0	0	0	0	0	0	0	0
E867		Accidental poisoning by gas distributed by pipeline	0	0	0	0	0	0	0	0	0
E868		Accidental poisoning by other utility gas and other carbon monoxide	1	0	0	0	0	0	0	0	0
E869		Accidental poisoning by other gases and vapors	0	1	0	0	0	0	0	0	0
E870-E879		SURGICAL/MEDICAL PROCEDURES - MISADVENTURES OR ABNORMAL REACTION	1	3	5	3	10	7	7	5	0
E870		Accidental cut, puncture, perforation, or hemorrhage during medical care	1	0	0	0	0	1	0	0	0
E871		Foreign object left in body during procedure	0	0	0	0	0	0	0	0	0
E872		Failure of sterile precautions during procedure	0	0	0	0	0	0	0	0	0
E873		Failure in dosage	0	0	0	0	0	0	0	0	0
E874		Mechanical failure of instrument or apparatus during procedure	0	0	0	0	0	0	0	0	0
E875		Contaminated or infected blood, other fluid, drug, or biological substance	0	0	0	0	0	0	0	0	0
E876		Other and unspecified misadventures during medical care	0	0	0	1	0	0	1	0	0
E878		Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation	0	0	2	1	7	5	3	2	0
E879		Other procedures, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient, or of later complication	0	3	3	1	3	1	3	3	0

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E880-E888		ACCIDENTAL FALLS	1013	1212	1364	1526	1657	1627	1770	2214	2355
E880		Fall on or from stairs or steps	76	110	130	125	144	125	171	196	197
E881		Fall on or from ladders or scaffolding	54	68	55	79	88	75	71	108	123
E882		Fall from or out of building or other structure	47	66	73	69	59	66	55	74	80
E883		Fall into hole or other opening in surface	4	0	5	4	7	1	8	7	4
E884		Other fall from one level to another	240	267	302	329	323	328	301	381	383
E885		Fall on same level from slipping, tripping, or stumbling	162	196	200	214	271	242	257	355	332
E886		Fall on same level from collision, pushing or shoving, by or with other person	16	5	10	9	11	10	5	8	10
E887		Fracture, cause unspecified	2	6	3	2	6	4	7	9	13
E888		Other and unspecified fall	412	494	586	695	748	776	895	1076	1213
E890-E899		ACCIDENTS CAUSED BY FIRE AND FLAMES	2	1	1	2	5	3	3	4	1
E890		Conflagration in private dwelling	0	0	1	0	0	0	1	2	1
E891		Conflagration in other and unspecified building or structure	2	0	0	0	3	2	0	1	0
E892		Conflagration not in building or structure	0	0	0	0	0	0	1	0	0
E893		Accident caused by ignition of clothing	0	0	0	0	0	0	0	0	0
E894		Ignition of highly inflammable material	0	0	0	0	1	0	0	0	0
E895		Accident caused by controlled fire in private dwelling	0	0	0	2	0	1	0	0	0
E896		Accident caused by controlled fire in other and unspecified building or structure	0	0	0	0	1	0	0	0	0
E897		Accident caused by controlled fire not in building or structure	0	0	0	0	0	0	0	0	0
E898		Accident caused by other specified fire and flames	0	1	0	0	0	0	0	0	0
E899		Accident caused by unspecified fire	0	0	0	0	0	0	1	1	0
E900-E909		ACCIDENTS DUE TO NATURAL AND ENVIROMENTAL FACTORS	13	20	26	20	21	31	27	32	28
E900		Excessive heat	0	1	0	0	0	0	0	0	0
E901		Excessive cold	1	0	0	0	1	0	1	0	0
E902		High and low air pressure and changes in air pressure	0	0	0	0	0	0	0	0	0
E903		Travel and motion	0	0	0	0	0	0	0	0	0
E904		Hunger, thirst, exposure, and neglect	0	0	2	0	0	0	0	0	0
E905		Venomous animals and plants as the cause of poisoning and toxic reactions	0	0	0	0	0	0	0	0	0
E906		Other injury caused by animals	10	16	14	12	19	17	18	28	23
E907		Lightning	0	0	0	0	1	3	0	0	1
E908		Cataclysmic storms, and floods resulting from storms	1	2	10	8	0	11	8	4	4
E909		Cataclysmic earth surface movements and eruptions	1	1	0	0	0	0	0	0	0

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E910-E915		ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	2	6	4	2	2	4	7	2	2
E910		Accidental drowning and submersion	1	2	2	0	1	3	4	1	2
E911		Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	0	0	1	0	0	0	1	0	0
E912		Inhalation/ingestion of other object causing obstruction of respiratory tract or suffocation	0	4	0	0	0	0	0	0	0
E913		Accidental mechanical suffocation	0	0	1	1	0	0	0	0	0
E914		Foreign body accidentally entering eye and adnexa	1	0	0	1	1	0	2	0	0
E915		Foreign body accidentally entering other orifice	0	0	0	0	0	1	0	1	0
E916-E928		OTHER ACCIDENTS	229	287	348	362	354	294	288	347	385
E916		Struck accidentally by falling object	32	50	75	65	67	56	66	71	78
E917		Striking against or struck accidentally by objects or persons	104	155	153	150	151	126	108	129	173
E918		Caught accidentally in or between objects	3	0	1	1	5	3	2	2	3
E919		Accidents caused by machinery	27	21	37	35	32	21	20	40	29
E920		Accidents caused by cutting and piercing instruments or objects	1	2	4	9	9	7	5	7	4
E921		Accident caused by explosion of pressure vessel	5	1	3	4	5	1	3	2	5
E922		Accident caused by firearm and air gun missile	18	16	38	36	29	20	28	25	21
E923		Accident caused by explosive material	3	2	1	5	2	0	1	1	3
E924		Accident caused by hot substance or object, caustic or corrosive material, and steam	0	0	0	0	0	0	1	0	0
E925		Accident caused by electric current	3	3	1	2	4	2	1	0	4
E926		Exposure to radiation	1	0	0	0	0	0	0	0	0
E927		Overexertion and strenuous movements	0	2	2	0	0	2	0	0	1
E928		Other and unspecified environmental and accidental causes	32	35	33	55	50	56	53	70	64
E929		LATE EFFECTS OF ACCIDENTAL INJURY	4	8	4	13	13	22	28	26	25
	0	Late effects of motor vehicle accident	2	2	1	4	5	10	12	8	10
	1	Late effects of other transport accident	0	0	0	0	0	1	0	1	0
	2	Late effects of accidental poisoning	0	0	0	0	0	0	1	0	0
	3	Late effects of accidental fall	0	5	1	6	4	8	13	17	11
	4	Late effects of accident caused by fire	0	0	0	0	0	0	0	0	0
	5	Late effects of accident due to natural and environmental factors	0	0	0	0	0	0	0	0	0
	8	Late effects of other accidents	1	0	1	2	1	2	2	0	3
	9	Late effects of unspecified accident	1	1	1	1	3	1	0	0	1

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E930-E949		DRUGS CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	7	7	9	13	12	7	7	1	0
E930		Antibiotics	2	1	1	1	0	0	0	0	0
E931		Other anti-infectives	0	0	0	0	0	0	0	0	0
E932		Hormones and synthetic substitutes	0	0	0	1	1	0	2	0	0
E933		Primarily systemic agents	0	0	0	0	0	0	0	0	0
E934		Agents primarily affecting blood constituents	2	1	2	2	0	0	2	0	0
E935		Analgesics, antipyretics, and antirheumatics	1	3	0	2	1	3	0	1	0
E936		Anticonvulsants and anti-Parkinsonism drugs	0	1	1	3	1	2	0	0	0
E937		Sedatives and hypnotics	0	1	0	0	1	0	1	0	0
E938		Other central nervous system depressants and anesthetics	0	0	1	0	0	0	0	0	0
E939		Psychotropic agents	1	0	0	1	4	1	0	0	0
E940		Central nervous system stimulants	0	0	0	0	0	0	0	0	0
E941		Drugs primarily affecting the autonomic nervous system	0	0	0	0	0	0	0	0	0
E942		Agents primarily affecting the cardiovascular system	1	0	1	2	1	1	0	0	0
E943		Agents primarily affecting gastrointestinal system	0	0	1	0	0	0	0	0	0
E944		Water, mineral, and uric acid metabolism drugs	0	0	0	0	1	0	1	0	0
E945		Agents primarily acting on the smooth and skeletal muscles and respiratory system	0	0	0	0	0	0	0	0	0
E946		Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs	0	0	0	0	1	0	1	0	0
E947		Other and unspecified drugs and medicinal substances	0	0	1	0	1	0	0	0	0
E948		Bacterial vaccines	0	0	0	0	0	0	0	0	0
E949		Other vaccines and biological substances	0	0	0	1	0	0	0	0	0
E950-E959		SUICIDE AND SELF-INFLICTED INJURY	60	36	67	64	102	87	97	135	99
E950		Suicide and self-inflicted poisoning by solid or liquid substances	3	2	2	0	1	1	3	1	0
E951		Suicide and self-inflicted poisoning by gases in domestic use	0	0	0	0	0	0	0	0	0
E952		Suicide and self-inflicted poisoning by other gases and vapors	0	0	0	0	0	0	0	0	0
E953		Suicide and self-inflicted injury by hanging, strangulation, and suffocation	0	1	0	1	2	2	0	4	0
E954		Suicide and self-inflicted injury by submersion [drowning]	0	0	0	0	0	0	0	0	0
E955		Suicide and self-inflicted injury by firearms, air guns and explosives	54	32	61	58	89	75	81	115	87
E956		Suicide and self-inflicted injury by cutting and piercing instruments	0	0	0	0	1	0	1	0	0
E957		Suicide and self-inflicted injuries by jumping from high place	1	1	2	3	4	2	5	5	3
E958		Suicide and self-inflicted injury by other and unspecified means	2	0	2	2	5	7	7	10	9
E959		Late effects of self-inflicted injury	0	0	0	0	0	0	0	0	0

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E960-E969		HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	412	409	416	456	400	373	369	520	473
E960		Fight, brawl, and rape	104	102	91	88	72	74	66	98	80
E961		Assault by corrosive or caustic substance, except poisoning	0	0	0	1	0	1	0	0	0
E962		Assault by poisoning	0	0	0	0	1	1	0	0	0
E963		Assault by hanging and strangulation	0	0	2	0	0	0	0	2	1
E964		Assault by submersion (drowning)	0	0	0	0	0	0	0	1	0
E965		Assault by firearms and explosives	53	66	40	36	37	40	30	65	50
E966		Assault by cutting and piercing instrument	8	9	13	12	9	4	10	4	11
E967		Child and adult battering and other maltreatment	15	24	35	41	38	40	26	43	58
E968		Assault by other and unspecified means	230	208	235	276	242	206	235	305	272
E969		Late effects of injury purposely inflicted by other person	2	0	0	2	1	7	2	2	1
E970-E978		LEGAL INTERVENTION	0	3	3	1	0	6	1	7	4
E970		Injury due to legal intervention by firearms	0	0	1	0	0	3	0	3	3
E971		Injury due to legal intervention by explosives	0	0	0	0	0	0	0	0	0
E972		Injury due to legal intervention by gas	0	0	0	0	0	0	0	0	0
E973		Injury due to legal intervention by blunt object	0	1	1	1	0	2	0	1	0
E974		Injury due to legal intervention by cutting and piercing instruments	0	0	0	0	0	0	0	0	0
E975		Injury due to legal intervention by other specified means	0	1	0	0	0	0	0	2	0
E976		Injury due to legal intervention by unspecified means	0	0	1	0	0	1	1	1	1
E977		Late effects of injuries due to legal intervention	0	0	0	0	0	0	0	0	0
E978		Legal execution	0	1	0	0	0	0	0	0	0
E979		TERRORISM	0	0	0	0	0	0	0	0	0
E980-E989		INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	27	40	50	39	50	42	41	46	53
E980		Poisoning by solid or liquid substances	0	0	0	0	1	4	2	0	0
E981		Poisoning by gases in domestic use	0	0	0	0	0	0	0	0	0
E982		Poisoning by other gases	0	1	0	0	1	0	1	0	0
E983		Hanging, strangulation, or suffocation	0	0	0	0	0	1	0	0	0
E984		Submersion (drowning]	0	0	0	0	0	0	1	0	0
E985		Injury by firearms, air guns and explosives	24	32	36	28	32	24	29	26	34
E986		Cinjury by cutting and piercing instruments	1	0	0	1	0	1	0	0	0
E987		Falling from high place	0	0	1	1	2	0	0	4	5
E988		Injury by other and unspecified means	2	7	11	7	12	11	7	16	13
E989		Late effects of injury	0	0	2	2	2	1	1	0	1

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E990-E999		INJURY RESULTING FROM OPERATIONS OF WAR	1	0	4	0	0	0	0	0	0
E990		Injury due to war operations by fires and conflagrations	0	0	0	0	0	0	0	0	0
E991		Injury due to war operations by bullets and fragments	0	0	2	0	0	0	0	0	0
E992		Injury due to war operations by explosion of marine weapons	0	0	0	0	0	0	0	0	0
E993		Injury due to war operations by other explosion	0	0	0	0	0	0	0	0	0
E994		Injury due to war operations by destruction of aircraft	0	0	0	0	0	0	0	0	0
E995		Injury due to war operations by other and unspecified forms of conventional warfare	1	0	0	0	0	0	0	0	0
E996		Injury due to war operations by nuclear weapons	0	0	0	0	0	0	0	0	0
E997		Injury due to war operations by other forms of unconventional warfare	0	0	0	0	0	0	0	0	0
E998		Injury due to war operations but occurring after cessation of hostilities	0	0	0	0	0	0	0	0	0
E999		Late effects of injury due to war operations	0	0	1	0	0	0	0	0	0
TOTAL			4605	5077	5718	6305	6528	6120	6138	7244	7500